

## Patent Abstracts of Japan

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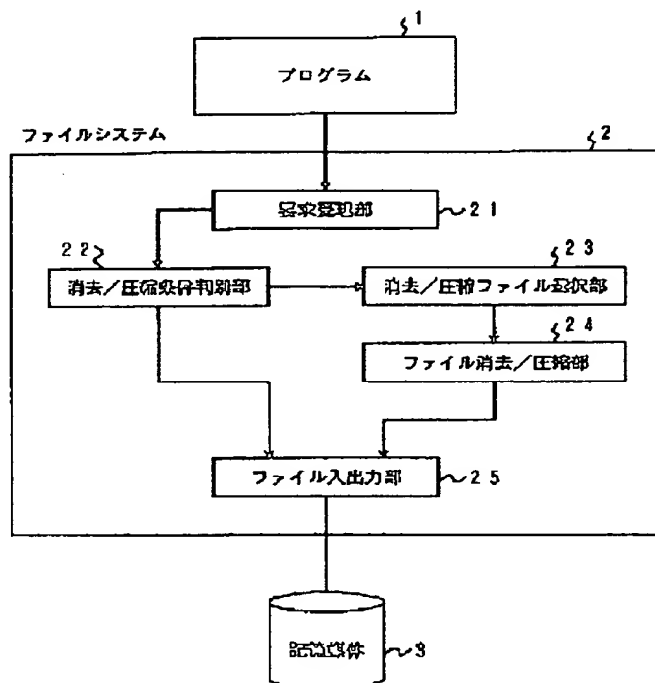
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TITLE : COMPUTER SYSTEM AND FILE  
MANAGING METHOD USED BY THE  
SAME



ABSTRACT : PROBLEM TO BE SOLVED: To improve the utilization efficiency of a limited physical storage medium by automatically generating a free area on the storage medium for storing files.

SOLUTION: A file system 2 is judged to require automatic file erasure when the free area of the recording medium 3 decreases below a specific value or when the free area of the recording medium 3 is smaller than the file size of a file to be written. Once the necessity of the automatic file erasure is judged, an erased file selection part 23 selects a file to be erased according to the priority of the respective files stored on the recording medium 3. Then a file erasure part 24 follows a procedure for erasing the selected file. Therefore, a free area is automatically generated on the storage medium for storing the file even when a user does not generate an erasure request plainly, and the limited storage capacity of the physical storage medium 3 can efficiently be utilized.

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